

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claim 1 (currently amended) An electrical conductor, said conductor comprising:

a plurality of bare wires abutting each other juxtaposed in a first curvilinear row and coiled equal-distantly about a curvilinear centerline forming a curvilinear helix; and an insulated center-wire positioned along the curvilinear centerline and disposed within said bare wires.

Claim 2 (original) The conductor according to claim 1 wherein said plurality of bare wires comprises three or more bare wires.

Claim 3 (original) The conductor according to claim 2 wherein said plurality of bare wires is grounded.

Claim 4 (original) The conductor according to claim 1 wherein said conductor is capable of applying at least eighty percent (80%) of the voltage supplied to said conductor.

Claim 5 (previously presented) An electrical conductor, said conductor comprising:

a plurality of bare wires juxtaposed in a first curvilinear row and coiled equal-distantly about a curvilinear centerline forming a curvilinear helix; an insulated center-wire positioned along the curvilinear centerline and disposed within said bare wires;

a plurality of insulated wires juxtaposed in a second curvilinear row and coiled around said bare wires forming a curvilinear generally rectangular chamber around said bare wires, and

wherein said insulated center-wire is disposed within said insulated wires.

Claim 6 (original) The conductor according to claim 5 wherein said plurality of bare wires comprises four or more bare wires and said bare wires are grounded.

Claim 7 (original) The conductor according to claim 6 wherein said plurality of insulating wires comprises three or more insulating wires.

Claim 8 (original) The conductor according to claim 5 wherein said conductor is capable of applying at least eighty percent (80%) of the voltage supplied to said conductor.

Claim 9 (currently amended) A wire assembly, said assembly comprising:

a first conductor;  
a plurality of bare second conductors, wherein said second conductors abut each other are juxtaposed, and generally form a first helix about said first conductor; and an insulator which insulates said plurality of bare second conductors from said first conductor.

Claim 10 (previously presented) The wire assembly according to claim 9 wherein said plurality of bare second conductors comprises three or more conductors.

Claim 11 (previously presented) The wire assembly according to claim 9 further comprising:

a plurality of third conductors being coiled around said plurality of bare second conductors.

Claim 12 (currently amended) The wire assembly according to claim 11 wherein said plurality of bare second conductors being comprised of three four or more conductors.

Claim 13 (currently amended) The wire assembly according to claim 12 wherein said plurality of third insulated conductors being comprised of three or more insulated conductors.